

ABSTRACT OF THE DISCLOSURE

A plug and seal assembly for use in an automatic transmission provides a fluid coupling interface between transmission components to facilitate the passage of fluid. One plug design has a cylindrical body with a terminal edge at one axial end. A seal is joined to the plug at the terminal axial edge and extends both radially inward and
5 radially outward relative to the terminal axial edge. This single seal design provides leak protection between the plug and transmission housing and between the plug and a tube inserted through the plug. Another plug design has a radially extending flange at one end of the cylindrical plug body. An outer seal annularly disposed about the radial flange prevents leakage between the plug and the surrounding transmission parts. An
10 inner annular seal is disposed within the cylindrical body of the plug and prevents leakage between the plug interior and a fluid conveyance tube inserted through the plug. A pierceable sealing membrane spans one of the plug orifices as a sheath-type shroud or cover.